

CLAIMS

I claim:

1 1. A light collection system comprising:
2 a light source,
3 a condenser lens to redirect light from said light source,
4 a reflector mechanism to redirect light generated by said light source,
5 an aperture to define an object of said system, and
6 an image lens to define an image projected by said system; wherein
7 said reflector mechanism comprises a primary reflector and at least one ancillary
8 reflector element.

1 2. The light collection system of claim 1 wherein:
2 said system further comprises a spherical lens that directs light toward said
3 aperture.

1 3. The light collection system of claim 1 wherein:
2 said light source comprises a planar filament.

1 4. The light collection system of claim 1 wherein:
2 a height of a face of said planar filament is approximately equal to a width of a
3 face of said planar filament.

1 5. The light collection system of claim 2 wherein:
2 said light source comprises a planer filament.

1 6. The light collection system of claim 2 wherein:
2 a height of a face of said planar filament is approximately equal to a width of a
3 face of said planar filament.